



0052676

Department of Energy  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

00-SFO-084

MAR 01 2000

Mr. Douglas R. Sherwood  
Hanford Project Manager  
U.S. Environmental Protection Agency  
712 Swift Boulevard, Suite 5  
Richland, Washington 99352

RECEIVED  
MAR 09 2000

EDMC

Dear Mr. Sherwood:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT  
ORDER (TRI-PARTY AGREEMENT) INTERIM MILESTONE M-34-14A

This letter is to notify the U.S. Environmental Protection Agency (EPA) that the Tri-Party Agreement Interim Milestone M-34-14A, due February 29, 2000, is complete. The milestone specified that the K-West Cask System Facility modifications shall be constructed, installed, and acceptance test(s) completed.

The U.S. Department of Energy, Richland Operations Office, and EPA have had several recent discussions to achieve a mutual understanding of the specific work necessary to constitute completion of the milestone. The enclosed Construction Completion Document verifies that the work was completed, as agreed, by February 29, 2000.

If you have any questions, please contact me, or you may contact Robert G. Holt, Office of Spent Nuclear Fuels, on (509) 376-9989.

Sincerely,

George H. Sanders, Program Manager  
Office of Regulatory Liaison

SFO:RGH

Enclosure

cc w/encl:

J. R. Wilkinson, CTUIR  
R. F. Stanley, Ecology  
L. E. Gadbois, EPA  
J. S. Hertz, FHI  
R. E. Piipo, FHI  
D. J. Watson, FHI  
R. B. Wilkinson, FHI

M. B. Reeves, HAB  
P. T. Day, MACTC  
P. Sobotta, NPT  
M. L. Blazek, OOE  
R. Jim, YN  
TPA Administrative Record, FHI

# CONSTRUCTION COMPLETION DOCUMENT

**ORIGINAL**

RL Project Title:

Spent Nuclear Fuel - K West Cask Transport Facility Modifications (CTFM) Subproject

HQ Project No.:	RL Project No.:	FDH Assigned Performer (e.g., Major Subcontractor):
	A5/A6	Fluor Daniel Hanford, Inc.

- ☒ Total Formal Construction Project
- ☐ Partial Formal Construction Project (e.g., system)
- ☐ Minor Construction Activity (Note: This form is optional for Minor Construction Activity)

## Section Ia - Completion of Construction and Construction Acceptance Testing

(Signature in Section Ia documents Completion of Physical Construction.)

Describe the Formal Construction Project, Partial Project (e.g., system), or Minor Construction Activity being documented as physical construction complete:

The work for this project includes the demolition/modifications/fabrication/installations and successful construction acceptance testing for the work necessary to support cask loadout activities in 105 KW. The major systems include the 32 ton crane, the MCO loading System, and the cask loadout system as detailed in Attachment I.

☐ No Exception List      ☒ Exception List Attached

FDH Assigned Performer Signature (e.g., Major Subcontractor)	Date	Acceptance Inspection (AI)* Signature	Date
<i>Dean W. Haddaway</i>	2/25/00	<i>MD. E. PATE FOR MIKE PAGE</i>	2-25-00
DOE-RL Signature (Only Required for Total Formal Construction Project)		Date	
<i>[Signature]</i>		2/25/00	

## Section Ib - Completion of Exceptions

(Signatures in Section Ib document that exceptions identified in Section Ia have been completed and/or funds have been accrued to complete remaining minor exceptions and remaining project financial obligations.)

☐ All exceptions resolved      ☐ Funds accrued for remaining exceptions (list attached)

FDH Assigned Performer Signature (e.g., Major Subcontractor)	Date	Acceptance Inspection (AI)* Signature	Date
DOE-RL Signature (Only Required for Total Formal Construction Project)		Date	

## Section IIa - Completion of Operational Testing and Approval of Test Results

(Signatures in Section IIa document Engineering approval of Operational Test results, and Operations acceptance of the completed system/project.)

☐ No Exception List (Section IIb NOT required)      ☐ Exception List Attached

FDH Assigned Performer (e.g., MSC) - Engineering Signature	Date	Acceptance Inspection (AI)* Signature	Date
FDH Assigned Performer (e.g., MSC) - Operations Signature	Date	DOE-RL Signature (Only Required for Total Formal Construction Project)	Date

## Section IIb - Completion of Exceptions

(Signatures in Section IIb document that exceptions identified in Section IIa have been completed.)

FDH Assigned Performer Signature (e.g., Major Subcontractor)	Date	Acceptance Inspection (AI)* Signature	Date
DOE-RL Signature (Only Required for Total Formal Construction Project)		Date	

\* = AI signature required for formal construction projects (Total and Partial), optional for minor construction activity.

**ORIGINAL**

Attachment 1  
CCD1 - CTFM WORK COMPLETED

Rad Surveys and Decontamination (1K-96-862)  
Piping Modifications/Demo (1K-96-886)  
South Loadout Pit Floor Topography (1K-97-568)  
South Loadout Pit Sludge Pumping Equipment Install (1K-97-610)  
Mezzanine/Walkway Removal and Mods (1K-96-1284)  
Electrical and Instrument Conduit Reroutes (1K-96-2025)  
Tech View Pit Sludge Isolation Screen Fabrication and Installation (1K-97-785)  
32 Ton Crane Procurement, Fabrication, Installation (1K-97-00005)  
Immersion Pail Support Structure Installation (1K-97-1073)  
Tool Dolly Mods and Load Test for Transfer Channel Demo (1K-97-2206 and 2207, 1889)  
Transfer Channel Equipment Demo/Removal (1K-97-1489)  
Corridor 7 Door and Window Installation (1K-97-3135)  
Windbreak Procurement, Fabrication, Installation (1K-98-2034)  
Shuttle and Cart Installation (1K-97-3553)  
Shuttle Support/Impact Limiter Fabrication and Installation (1K-97-3553)  
Bridge Gantry Support Structure Procurement, Fabrication, Installation (1K-97-3553)  
Bridge Gantry Installation (1K-97-3553)  
Grapple Installation (1K-97-3553)  
Mechanical, Electrical, and Instrumentation Final Connections (1K-97-3553)  
Grating and handrail fabrication, Installation (1K-97-3553)  
Pail Reservoir Fabrication (1K-97-3553)  
Compressed Air System fabrication, installation (1K-97-3553)  
Demonized Water Supply installation (1K-97-3553)  
Demineralized Water Supply installation (1K-97-3553)  
CLS Rough Alignment with Shuttle and Immersion Pail (1K-97-3553)  
Laydown Area / Tool Racks fabrication  
Operator Platform fabrication  
Immersion Pail Modifications (includes crushable pad)  
CLS Construction Acceptance Test (1K-97-3553)

ORIGINAL

## List of Exceptions (Attachment to CCD)

RL PROJECT NO. A.5/A.6		PROJECT TITLE CTFM				PAGE Page 1 of 1		
ITEM NO.	DESCRIPTION OF EXCEPTION	FORECAST COMPLETE DATE	RESP. ORG	ACTION TAKEN	ITEM ACCEPTED/RESOLVED			
					NAME (PRINT)	ORG	SIGNED INITIALS	DATE
1	Touch-up IXM curbed area floor paint							
2	Touch-up structure paint (MLS and column)							
3	Electrical outlet relocation (mezzanine column)							
4	Complete PAT testing							
5	Permanent camera (3) installation							
6	Install Immersion pail							
7	CLS final alignment							
8	Install operator platform							
9	Install helium purge system							
10	AI to complete As-build verification							
11	FDNW QC to complete CWP verification walkdown							
12	Housekeeping							
13	Closure of JCS work packages							
14	FFS to complete CWP packages							
15	Complete redline of panel schedules							
16	Close open NCRs							
17	Complete labeling							
18	Installation of tool racks (3)							
19	Complete project dwg. as-builts							
20	Complete NEC inspections							
21	Verify grout breaks							
22	Complete grating installation							
23	Complete pail reservoir installation							
24	Complete CAT testing	2-29-00	FI+I	complete	Dorabella	05/13	DDW	2-29-00